INTERNATIONAL SEARCH REPORT

In ational Application No PCT/CH2005/000078

		1	PC1/CH2005/0000/8						
A. CLASSII IPC 7	FICATION OF SUBJECT MATTER B21F33/04			_					
	o International Patent Classification (IPC) or to both national classific	ation and IPC							
	SEARCHED	'							
Minimum documentation searched (classification system followed by classification symbols) IPC 7 B21F									
Documentati	tion searched other than minimum documentation to the extent that s	such documents are include	ded in the fields searched	-					
Fr. 37 - 25 - 34									
	ata base consulted during the international search (name of data base	se and, where practical, s	search terms used)						
EPO-In	ternal, WPI Data								
				,					
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No.							
x	WO 2004/011173 A (SPUEHL AG ST G WIDMER URS (CH))	ALLEN;	1,6,7						
	5 February 2004 (2004-02-05)								
	cited in the application	2.10							
A	page 6, line 8 - page 9, line 6;	8-10							
Х	DE 199 50 401 A (SPUEHL AG ST GA) 29 June 2000 (2000-06-29)	1,6							
Α	column 1, line 52 - column 2, lin figures	7,9							
x	WO 02/38304 A (SPUEHL AG ST GALLI SANTIS UGO DE (CH); WIDMER URS (O	1,6							
Α	16 May 2002 (2002-05-16) page 8, line 9 - line 19; figure:	•	7.0						
· ^	page of time 2 time 15, figures	5	7,9						
		-/							
	i								
	1								
X Further documents are listed in the continuation of box C. X Patent family members are listed in annex.									
		"T" later document publis	shed after the international filing date	_					
"A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention of the principle or theory underlying the invention of the principle or the principle or theory underlying the invention of the principle or the									
filing da		cannot be considere	ar relevance; the claimed invention ed novel or cannot be considered to step when the document is taken alone						
which is	which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the								
"O" docume other n	ent referring to an oral disclosure, use, exhibition or neans	document is combin ments, such combin	sed with one or more other such docu- lation being abvious to a person skilled						
	ent published prior to the international filing date but nan the priority date claimed	in the art. "8" document member of	the same patent lamily						
Date of the a	actual completion of the international search	Date of mailing of the	international search report	_					
2!	5 May 2005	18.0	18 07 2005						
Name and m	nailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer	-						
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Barrow.	J						

INTERNATIONAL SEARCH REPORT

International Application No PCT/CH2005/000078

	A DOUBLETTO CONTROL TO DE DEL EVANT	FC17CH2003/000078
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Data de de de
Calegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 579 810 A (RAMSEY HENRY R ET AL) 3 December 1996 (1996-12-03) column 8, line 55 - column 9, line 45 column 12, line 43 - line 61; figures	11,15, 16,18,19
Ą	GB 2 042 467 A (SPUEHL AG) 24 September 1980 (1980-09-24) page 1, line 120 - page 2, line 45; claim 1; figures	15,16,19
A	US 3 774 652 A (STURM H) 27 November 1973 (1973-11-27) column 8, line 15 - column 9, line 1; figures	1,14,17

INTERNATIONAL SEARCH REPORT

International Application No PCT/CH2005/000078

	· - · · · · · · · · · · · · · · · · · ·						.003/0000/8
Patent doo cited in sear			Publication date		Patent family member(s)		Publication date
WO 2004	011173	A	05-02-2004	AT AU WO CH DE EP	297274 2003240368 2004011173 694484 20380223 1492637	A1 A1 A5 U1	15-06-2005 16-02-2004 05-02-2004 15-02-2005 20-01-2005
DE 1995	0401	A	29-06-2000	CH DE	693142 19950401		14-03-2003 29-06-2000
WO 0238	304	A	16-05-2002	CH AU WO	694635 1202402 0238304	Α	13-05-2005 21-05-2002 16-05-2002
US 5579	810	A	03-12-1996	AU CA DE DE EP ES JP NZ RU TR WO US	5177796 2212171 69626008 69626008 0814923 2186775 11500961 304563 2139161 9700893 9627461 RE36809	A1 T2 A1 T3 T A C1 T1	23-09-1996 12-09-1996 06-03-2003 14-08-2003 07-01-1998 16-05-2003 26-01-1999 24-09-1998 10-10-1999 21-02-1998 12-09-1996
GB 2042	2467	А	24-09-1980	DE AU FR IT SU	2905537 5438980 2448948 1124412 923353	A A1 B	28-08-1980 21-08-1980 12-09-1980 07-05-1986 23-04-1982
US 3774	652	Α	27-11-1973	NONE			